

**Notice of Allowability**

Application No.

09/277,417

Applicant(s)

HISADA ET AL.

Examiner

Jenise E. Jackson

Art Unit

2131

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 2/21/2006.
2. ☒ The allowed claim(s) is/are 4,6-30,32,33,35-39,42,43,45-69,71,72,74-78,82,84-90,97-99 and 101-107.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 05192006
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**AYAZ SHEIKH**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

***Reasons For Allowance***

1. Status of Claims: 5-30, 33-39, 43-69, 72-78, 83-90, 98-107 were previously objected to in the last office action dated 10/18/05. The Examiner stated that if objected to material was incorporated into independent form. Than claims that were previously rejected would be contain allowable subject matter. Claims 4, 6-30, 32-33, 35-39, 42-43, 45-69, 71-72, 74-78, 82, 84-90, 97-99, 101-107 are allowable, because the Applicant has incorporated the subject matter of claims 5-30, 33-39, 43-69, 72-78, 83-90, 98-107, into claims 4, 6-30, 32-33, 35-39, 42-43, 45-69, 71-72, 74-78, 82, 84-90, 97-99, 101-107. Thus, claims 4, 6-30, 32-33, 35-39, 42-43, 45-69, 71-72, 74-78, 82, 84-90, 97-99, 101-107 are allowable for the reasons listed below:

2. Hauser et al. discloses anonymous information exchange in a network. Hauser discloses an anonymous bidding system in which a sender can send a bid anonymously through email. Hauser discloses using anonymous remailers that set-up a table that maps real e-mail addresses into aliases; this way, an addressee can reply to the alias that is subsequently translated into a real e-mail address by the anonymous remailer. However, there is no secure communication service that checks whether the ticket is valid. There is no secure communication service disclosed or suggested in Hauser. Hauser discloses a sender and merchant communicating, in which the sender is anonymous to the merchant. There is also no ticket disclosed in Hauser, the anonymous communication takes place by using email; however, there is no disclosure of having a ticket in which the sender and recipient's identification is disclosed therein, and presented to a secure communication service.

3. Curry et al. discloses a client or network node in the computer security system, during normal operation, obtains a public key certificate to authenticate a received message or to

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encrypt information for an intended recipient. The network node verifies the integrity of the certificate signature using the trusted certification authority public key. If the certificate signature is acceptable the network node verifies the validity period of the certificate. Curry does not disclose the ticket containing the sender and recipient's identification. Furthermore, there is no disclosure or suggestion of anonymous identification of the sender and recipient and required in claims 32 and 71.

4. Non-patent literature of Menezes teaches, a Kerberos system. Kerberos protocol involves the client and the server, and a trusted server (i.e. Kerberos authentication server). At the beginning the client and server share no secret, while T shares a secret with each other. The client then requests from the authentication server the credentials to allow it to authenticate itself to the server. The authentication server returns to the client a session key encrypted for the client and a ticket encrypted for the server. The ticket, which the client forwards on to the server, contains the session key and the client's identity; this allows authentication of the client to the server. The ticket in Kerberos also has a validity period, in which the ticket has an expiration date. However, the Kerberos system does not teach it can be used for email. Second, only the sender (client) is anonymous the server is not anonymous to the client. Thus, this is in direct contrast, to ticket containing the sender and recipient's identification. Furthermore, there is no disclosure or suggestion of anonymous identification of the recipient and required in claims 32 and 71.

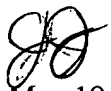
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***Conclusion***

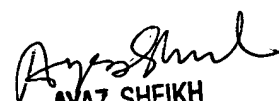
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E. Jackson whose telephone number is (571) 272-3791. The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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**AYAZ SHEIKH**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**